This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



Please type a plus sign (+) inside Under the Paperwork Redu a valid OMS control number	ction Act of 1995, no persons	Approved Patent and Trademark Offi are required to respond to a	for use t ice; U.S. collection	PTO/SE/01 (12-97) brough 9/30/00. OMB 0651-0032 DEPARTMENT OF COMMERCE of Information unless it contains	+
DECLARATION F	OPLITILITY	Attorney Docket Nu	mber	9/260	1
DESI	First Named Invento	or	Shirlynn CHEN	7	
PATENT API	COMPLETE IF KNOWN				
(37 CFR	1.63)	Application Number		10 / 663,220	7
☐ Declaration	Declaration	Filing Date	09/1	6/2003	
Submitted OR with Initial	Submitted after Initial	Group Art Unit			7
Filing	iel Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name			J

Ve a parcial traiting triAGUS	or, I hereby declare the	t:			
		are as stated below next to n	TV 00700		
I believe I am the original, fi names are listed below) of t	irot and ento inventor #6			first and joint in	ventor (if plurat
Potent Inhibitor Of	HCV Serine Prote	98 se	· · · · · · · · · · · · · · · · · · ·	AL CHE HIVE HIGH	entsuec:
the specification of which Is attached hereto OR	(Title of the Invention)			
was filed on (MM/DD)	77YY) 09/16/2003	B as Unit	ed States Applica	Blon Number or	PCT International
Application Number 10/66		was amended on (MM/DD/	YYYY)		(if applicable).
I heroby state that I have revi amended by any amendment	ewed and understand the specifically referred to a	e contents of the above iden	ntified specification	n, including the	claims, as
I acknowledge the duty to dis			defined in 37 C	20 1 EB	
I bombu dut e i		· · · · · · · · · · · · · · · · · · ·			
I hereby diaim foreign priority certificate, or 365(a) of any Po America, listed below and have or of any PCT international app	Denefits under 35 U.S.C T international applicat also identified below, b lication having a filing di	C. 119(a)-(d) or 265(b) of a tildn which designated at lea y checking the box, any fore the before that of the applica	any foreign application for which pri	cation(s) for par other than the or patent or inve ority is claimed.	ent or inventor's United States of ntor's certificate,
I heraby claim foreign priority certificate, or 365(a) of any Pr America, listed between and have or of any PCT international app Prior Foreign Application Number(s)	penefits under 35 U.S.CT International applical also identified below, but also identified below, but also identified below, but also in naving a filing di	C. 119(a)-(d) or 365(b) of a still which designated at let which designated at let be challenged the box, any forate before that of the applicate before that of the applicate (MM/DD/YYYY)	iny foreign appik ast one country ign application for ition on which pri Priority Not Claimed		ent or inventor's United States of ntor's certificate,
Prior Foreign Application		Foreign Filing Date	Priority	Certified C	opy Attached?
Prior Foreign Application Number(s)	Country	Foreign Filling Date (MM/DD/YYYY)	Priority Not Claimed	Certified C	Aftached?
Prior Foreign Application Number(s) Additional foreign application I horsely cleim the benefit unde	Country	Foreign Filling Date (MM/DD/YYYY)	Priority Not Claimed	Certified C	Aftached?
Prior Foreign Application Number(s) Additional foreign application I hareby claim the benefit under Application Number(s)	Country numbers are listed on a 35 U.S.C. 1)9(e) of a Filing Dat	Foreign Filling Date (MM/DD/YYYY)	Priority Not Claimed	Certified C	Aftached?
Prior Foreign Application Number(s) Additional foreign application I horsely cleim the benefit unde Application Number(s) 60/414,940	Country n numbers are listed on a 35 U.S.C. 119(e) of a Filing Dat 09/30/2002	Foreign Filing Date (MM/DD/YYYY) A supplemental priority data by United States provisional	Priority Not Claimed Sheet PTO/S8/0 Application(e) list	Certified Co YES	opy Attached? NO
Prior Foreign Application Number(s) Additional foreign application I horsely cleim the benefit unde Application Number(s) 60/414,940 60/421,904	Country numbers are listed on a 35 U.S.C. 1)9(e) of a Filing Dat	Foreign Filing Date (MM/DD/YYYY) A supplemental priority data by United States provisional	Priority Not Claimed Sheel PTO/SB/0 application(e) ils	Certified C. YE8 CI	eto:
Prior Foreign Application Number(s) Additional foreign application I horsely cleim the benefit unde Application Number(s) 60/414,940	Country n numbers are listed on a 35 U.S.C. 119(e) of a Filing Dat 09/30/2002	Foreign Filing Date (MM/DD/YYYY) A supplemental priority data by United States provisional	Priority Not Claimed Sheet PTO/SB/0 application(e) list Addition numbe supple	Certified Co YES	eto:

[Pege 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademerk Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a pi	us sign (+) inside this box Under the Paperwork Rodus a valid OMB control number		ō, no perso	Patent o ons are requir	Appr nd Trademar ed to respond	oved for use the k Office; U.S. D I to a collection	ough 9/30/00. (0/88/01 (12-9 DMB 0651-00 OF COMMERC nless it contain	
DEC	LARATION	— Utili	ty o	Desi	gn Pa	tent A	pplicat	ion	
	e benefit under 35 U.S.C. 12 America, listed below and, i PCT international application is material to patentability or PCT international filing date			plication(s), or for of each o y the first para i which becam	365(c) of an f the claims graph of 36 ne available	y PCT internation of this application. In S.C. 112, I ac between the filling the second of the secon	onal application on is not disclor knowledge the o ng date of the p	designating the sed in the price buty to disclose onor application	
U.S. Parent Application or PCT Parent Parent Filing Date Number (MM/DD/YYYY) Parent Patent Number (If applicable)									
Additional U.	Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B strached herato. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Pater								
and Trademark Of	fice connected therewith:	T Christaliat Mil	nber	(a) to baceac	TO THIS BOOK	ation and to tra	Place Cu	stomer	
<u> </u>		OR Registered pro	actitioner(s) name/regist	fation numbe	r listed below	Number 8		
	Name	Regis	tration mber			lame		distration	
Robert P. Ra Alan R. Sterr Mary-Ellen M Anthony P. B	npel I. Devlin	25,089 28,991 27,928 41,629	Susan K. Pocchian Philip I. Datlow Timothy X. Witkowski			45,01 41,48 40,23	2 2		
	stered practitioner(s) named		Recister	Dav Precitioner	id A. Do	N thank STO/SD/	46,12	4	
Name Address	ondence to: 🗹 Custon	ner Number Code Label		28509		_	spondence ad		
Address									
City				State		ZIP			
Country		Telephon			·	Fax			
hereby declare the believed to be true; punishable by fina application or any property. Name of Sole (I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are belief are belief are belief are belief are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may joopardize the validity of the application or any patent issued thereon.								
				A peut	on has bee	n filed for this	unsigned inve	intor	
Shirlynn	Name (first and middle (if	anyl)		CHEN	Fami	ly Name or Si	мете		
Inventor's Signature	·			CHEN				—	
Residence: City	Somers	State	NY	Country	us		Date	US	
Post Office Addres	900 Ridgebury Ro			. Soundy	<u> </u>		Citizenship		
Post Office Addres	P. O. Box 368		-						
City	Ridgefield State	CT	ZIP	06877	-0368	Country	us		
Additional Inven	tors are being named on	the 2 supp	lemental			books STO	20004		
•				· Mombilet	म्बनाद्या(३) ह	neeqs) PTO/	SEV02A attact	ed hereto	

[Page 2 of 2]

Please type a plus sign (*) inside this box		Ann	Mand for use	PTO/88/02A (11-0) through 10/31/2002. OMB 0851-003
Under the Paperwork Reduction Act of 1995, no person	ns are required to m	U.S. Patent and Tracessored to a collection of infor	femark Office	: U.S. DEPARTMENT OF COMMERC
DECLARATION			ADDITI	ONAL INVENTOR(S) plementel Sheet age 2 of 2
Name of Additional Joint Inventor, if	any:	☐ A petition has h	een filed for	this unsigned inventor
Given Name (first and middle [if a	ny])		ily Name or	
Jocelyn Abella		GUNN		Out land
Inventor's Signature				Date
Residence: City Hamden	State CT	Country		Citizenship US
Malling Address 900 Ridgebury Road				
Mailing Address P. O. Box 368			_	
City Ridgefield	State CT	ZIP 06877-036	SB Coun	uy US
Name of Additional Joint Inventor, if a	iny:	A petition has bee	in filed for th	nis unsigned inventor
Given Name (first and middle [if an	y))	Famil	y Name or S	Sumame
Phuong Do		COSTA		
Inventor's Signature				Date
Residence: City Danbury	State CT	Country US		Citizenship US
Malling Address 900 Ridgebury Road				
Mailing Address P. O. box 368				
Ridgefield City	State CT	ZIP 06877-03	68 Cou	ntry U\$
Name of Additional Joint Inventor, if a	ny:	☐ A petition has been		
Given Name (first and middle [if any]	ט		mily Name o	
Inventor's Signature		 -		Date
Residence: City	State	Country	-	Citizenship
Mailing Address				- CHANGING INC
Malling Address				
City	State	ŽÍP		untry
			I UGL	IIIU V

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the emount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tredemark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patenta, Washington, DC 20231.

Case No. 9/260



Please type a plus sign (+) Inside this box	\rightarrow	+	
---	---------------	---	--

PTO/38/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE a valid OMB control number.

DECLARATION FOR UTILITY OR		Attorney Docket Nu	mber	9/260			
DESIGN PATENT APPLICATION			First Named Invento)r	Shirlynn CHEN		
			COMPLETE IF KNOWN				
(;	(37 CFR 1.63)		Application Number		10 / 663,220		
with Initial Filling (sun	D Declaration	Filing Date	09/1	6/2003			
	Submitted after Initial	Group Art Unit			╗		
	(37 CFR 1.18 (a))	Examiner Name			亅		

As a below named invoken to the second secon										
As a below named inventor, I hereby declare that:										
My residence, post office addr	My residence, post office address, and citizenship are as stated below next to my name.									
I balleve I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is defined and for which a patent is cought on the invention entitled:										
Potent Inhibitor Of Ho	V Serine Prote	ase	patent is ecupin t	n the invention entitled:						
the specification of which	the specification of which (Title of the Invention)									
is attached hereto	(1)	OCCUPATION TO COLUMN TO CO								
OR Was filed on (MM/DDA)	00/10/00									
		as Un	ited States Applica	ition Number or PCT International						
Application Number 10/663,		vas amended on (MM/DD	mm	(if applicable).						
I hereby state that I have review amended by any amendment ap	od and understand the		entified specification	in, Including the claims as						
	company in mittag (O BC									
I acknowledge the duty to disclos	re information which is	material to patentability e	s defined in 37 CF	FR 1.56.						
I hereby claim foreign priority box	roffin warden 28 ill a.c.	445(-) (1)	-							
I hereby claim foreign priority ber certificate, or 385(a) of any PCT America, fisted below and have all or of any PCT international applica	International application	n 116(8)-(0) or 365(b) of my which designated at le	any foreign applic	ction(s) for patent or inventor's other than the United States of						
or of any PCT international applica	tion having a filing dat	checking the box, any for a bafore that of the applic	eign application fo ation on which pri	r patent or inventor's certificate, only is claimed.						
	·									
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYY)	Priority Not Claimed	Certified Copy Attached?						
				YES NO						
<u></u>										
Additional foreign application null heraby daily the herably daily the herably under	Imbere ere listed on a	Supplemental oriority date	about STOICOn	DO eterate de						
THE PERSON OF THE PERSON UNDER S	5 U.S.C. 119(e) of am	United States provisions	application(a) list	ed below.						
Macadon Mamper(a)	Filing Date	(MM/DD/YYYY)								
0/414,940 09/30/2002 Additional ameticanal ameticanal										
•		421 004 Additional provisional application								
60/421,904	10/29/2002		numbe	rs are listed on a						
60/421,904 60/433,834			numbe supple:	nal provisional application rs are listed on a nantal priority data sheet 9/02B attached hereto.						

[Page 1 of 2]
Surden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Tradement Office, Washington, DC 20231. OC NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Weshington, DC 20231.

	sign (+) Inside this box ++ Inder the Paperwork Reduc valid OMS control number.	_	96. no servo	Pate	nt and	Appro Trademark	ved for use ti Office; U.S.	rough 9/ DEPARTI	30/00 (D/SB/01 (12 DMB 0851-0 DF COMMER
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	io reapond	to a conscio	n or mich	nation u	nless it cont
DECL	ARATION-	<u> </u>	ity or	De	sig	n Pa	tent A	ppl	icat	tion
I hereby claim the bunited States of Ar United States or Po Information which is and the national or I	penefit under 35 U.S.C. 120 merica, lieted below and, in I international application a material to patentability as PCT international filing data	of eny United toofer as the in the manner of this applica-	d States app subject mat provided by 7 CFR 1,66 ation.	plication(s ter of each the first which bo), or 38 th of th paragra came	i5(c) of any ne claims o aph of 35 U available bo	PCT internal f this applica .S.C. 112, i a stween the fi	lional app tion is no scknowled ling data	lication t disclo- ige the of the p	designating and in the p duty to disck prior applicat
U.S. P	arent Application of Number	PCT Pare	ent	Par	ent F	ilina Dat	el	Parent	Paten	t Number
Number (MM/DD/YYYY) (if applicable)								<i>auto)</i>		
Additional U.S.	or PCT international applica	tion numbers	are lated o	n a aupole	mente	l oriority da	to shoot PTC	Vaninoo		
As a named inventor, and Trademark Office	I hereby appoint the follows connected therewith:	ing registered	practitioner	(a) to pro	secuto	this applica	tion and to tr	ensact al	busine	o nereto. Es in the Pat
		Cratminal M	umper) F	itace Gu imber B	atomer ar Code
M		Registered p	istration) namo/re	gistrati	on number	listed below	<u> </u>	I abel i	sistration
Robert P. Rayr	me Tond	25.089	niipot		Sec. 1		me			lumber
Alan R. Stemp	el	28,991				K. Poc			45,01	
Mary-Ellen M. I	Devlin	27,928		15	Cimot	I. Datlo	w itkowski		41,48	
Anthony P. Bot		41,629		- 15	hive(A Dow			40,23	1.4
Additional registe	red practitioner(s) named o	n supplement	al Registere	d Practitic	oner Inf	ormation at	heat PTA/SD	103C artis	46,12	4
Direct all correspon		er Number				7	AUC F TOILD	OSC MIN	cited un	rero.
		ode Label		28509		OR	Corne	sponde	nce ad	dress belov
Name				****			· ·		-	-
Address						· ·			-	
Address										
city				State			ZIP			
Country		Telepho					Far			
hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements and the fike so made are application or any patent tessed thereon.										
lame of Sole or	First Inventor:			□ A pe	etition	has been	filed for this	unsign	ed Inve	ntor
Glven Na	me (first and middle [If a	(Ivo								
Shiriyon										
Inventor's Signature	Shuil	1_(hen		**		•	De		10/13/03
lesidence: City	Somers	State	NY	Count	יעיי	JS		Citiza	Dahim	US
ost Office Address	900 Ridgebury Ro	ad								
ost Office Address	P. O. Box 368					•				
ity	Ridgefield State	СТ	ZIP		77-0		Country	US		
Additional inventor	rs are being named on t	he 2 aun	niementel	Addition	al lev-	anto of a last		<u></u>		
		300		-unnition	ai iUA	n (CPT(5) Si	1001(8) P7C	/SB/02/	attect	ed hereto

[Page 2 of 2]

 RS BTB (RG)	lited to resson			PTO/SB/02A (11-00 through 10/31/2002. OMB 0651-0032 U.S. DEPARTMENT OF COMMERCE If contains a valid OMB pontrol number		
DECLARATION				DNAL INVENTOR(S) plemental Sheet age 1 of 2		
any:		☐ A petition has been	filed for	this unsigned inventor		
iny])		Family I	Varne or	Surname		
	c	ROENLEIN		,		
				Date		
Staf	•	Country Germany		Citizenship DE		
	·					
Stat	0	ZIP 88441	Count	Germany		
any:	1					
Given Name (first and middle [if any])						
		NEHMIZ				
				Date		
Start	•	Country Germany		Citizenship US		
Stat	Đ	ZIP 88400	Соц	Germany		
any:		A petition has been file	d for this	unsigned inventor		
/J)		Family Name or Surname				
Gerhard S			STEINMANN			
Inventor's Signature						
State		Country Germany	Date Citizenship			
	,	· · · · · · · · · · · · · · · · · · ·		1 currentity		
State		ZIP 89155	Germany			
	State State State	State State State State State State State State State	any:	any: A petition has been filed for the state any: A petition has been filed for the state any: A petition has been filed for the state any: A petition has been filed for the state any any: A petition has been filed for the state any		

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will very depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Palents, Washington, DC 20231.

Case No. 9/260

Under the Paperwork Reduction Act of 1995, no persons		uired to restu	ond to	I C Ordani and Transman	-	PTO/SB/02A (11-00) through 10/31/2002. OMB 0651-0032 U.S. DEPARTMENT OF COMMERCE IL contains a valid OMB control number.	
DECLARATION					DITIO	DNAL INVENTOR(S) plemental Sheet age _2_ of _2	
Name of Additional Joint Inventor, if a	Ε	A petition has been t	filed for	this unsigned inventor			
Given Name (first and middle [if an	y])			Family Na	no ema	Sumame	
Jocelyn Abella			GU	NN			
Inventor's Junju		·				10 -13 -0 -3 Oate	
Residence: City Hamden	Sta	CT		Country US		US Citizenship	
Mailing Address 900 Ridgebury Road							
P. O. Box 368	-			Υ	,		
_{City} Ridgefield	Sta	CT		ZIP 06877-0368	Count	ntry US	
Name of Additional Joint Inventor, if a	пу:			A petition has been file			
Given Name (first and middle [if any	<u>/1)</u>		\bot	Family Na	me or	Surname	
Phuong Do			COSTA				
inventors Signature	<u>}</u>	_				[6 13 5]	
Residence: City Danbury	Ste	CT	Country US			Citizenship US	
Mailing Address 900 Ridgebury Road							
Mailing Address P. O. box 368							
City Ridgefield	Sta	CT		ZIP 06877-0368	Cou	ntry US	
Name of Additional Joint Inventor, If a	ny:			A petition has been filed	for this	s unsigned inventor	
Given Name (first and middle [If any])		Family Name or Surname				
Inventor's Signature	·					Date	
Residence: City	State			Country		Citizenship	
Mailing Address							
Mailing Address							
City	State			ZIP	Ce	untry	

Surden Hour Statement: This form is estimated to take 21 minutes to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form anould be sent to the Chief Information Officer, U.S. Patent and Tradement Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Petents, Washington, DC 20231.

Case No. 9/260